RT2500

AUDIO

# 700-Watt Dolby Digital[1]/DTS[2] Surround Receiver with 5-Speaker Package and 200-Watt Powered Subwoofer

- 700 Watts of Total Power with Dolby Digital[1] and DTS[2] Surround Decoding
- 100 Watts for Left, Center, Right, Left Surround and Right Surround Speakers
- 200 Watt Subwoofer Amplifier
- Enclosed Wood 5-Speaker Package with 2 Shielded Main Speakers, Shielded Center Channel and 2 Surround Speakers
- DBaS (Dynamic Bass amplification System)
- Digital AM/FM Stereo Tuner with 30 Presets
- EZ Use Feature Set: Quick Connect Guide, Color-Coded Transparent Wiring, Color-Coded Speaker Terminal, Speaker Hanging Capability
- Input IQ
- Front A/V Jacks
- RCA 53-Button Universal Remote
- 1-Year Limited Warranty

Changing Entertainment. Again.

www.rca.com

# RT2500

## General

- **Dimensions:**
  **Receiver 5.5" H, 16.9" W, 13.8" D**
  **Left/Right 8.3" H, 5.1" W, 7.6" D**
  **Center 3.7" H, 15.7" W, 7.6" D**
  **Surrounds 8.3" H, 5.1" W, 7.6" D**
  **Subwoofer 14.8" H, 8.9" W, 11" D**
- **100 Watts Per Channel**
  Two channels driven into 6 ohms, from 20hz-20khz, <0.9% THD.
- **100 Watts Each, Left, Right, Center, Surround Left and Surround Right Speakers**
- **200 Watt Subwoofer Amplifier**
- **Enhanced Jack Pack**
  This value-added feature allows for numerous possibilities of multiple connections ranging from the simple video connection to the high-quality S-Video connection.
  – 6 pair rear panel audio inputs – *TV, Satellite, DVD, VCR1, CD, Tape*
  – 1 pair front panel audio inputs – *VCR2*
  – 2 pair rear panel audio outputs – *VCR1, Tape*
  – 3 rear panel video inputs – *Satellite, DVD, VCR1*
  – 1 front panel video input – *VCR2*
  – 2 rear panel video outputs – *Monitor, VCR1*
  – 2 rear panel S-Video inputs – *DVD, Satellite*
  – 1 front panel S-Video input – *VCR2*
  – 1 rear panel S-Video output – *Monitor*
  – 2 rear panel optical digital audio inputs – *Assignable Satellite, DVD, or CD*
  – 1 rear panel coaxial digital audio input – *Assignable Satellite, DVD, or CD*
- **Subwoofer Output**
  With direct output to a subwoofer, this system has the ability to create a sound experience with thunderous impact.
- **Six Channel Direct Inputs**
  Six direct RCA jack inputs allow connection with any component sending out a 5.1 channel audio such as SuperAudio or DVD audio. This direct input allows for compatibility with future surround formats.
- **1/4" Stereo Headphone Jack**
  For private listening, the headphone jack is conveniently located on the front of the unit.
- **Universal Remote Control**
  Programmable remote with easy-to-use button layout. Operates most features on RCA audio and video products. It can also be programmed to operate most brands of audio and video components and RCA DIRECTV Systems.
- **Multifunction Vacuum Fluorescent Display**
  Brightly illuminated, the fluorescent display allows the user to easily read displayed information from far away. This large display provides key information such as Surround Mode, DSP Mode, Speaker Information, etc.
- **4-Level Display Dimming**
  The user can customize the brightness of the display by selecting one of four different levels.
- **Rotary Encoder Volume Control**
  Provides for smooth, gradual volume control.
- **SAT, DVD, CD, VCR1, VCR2, AM/FM, Tape, TV Function Selections**
  Easy front panel access to select different component modes based on the connected inputs.

## Tuner Features

- **Digital AM/FM Stereo Tuner**
  Tunes AM/FM stations with maximum accuracy and minimum drift. Always tunes to the center of the broadcast channel for minimum distortion.
- **30 AM or FM Station Presets**
  Allows the user to program their favorite radio stations and have quick access to each of them using the multi-jog dial.
- **Seek Up/Down**
  Automatically searches the band, stopping at the next station in-tune.
- **Preset Scan**
  This feature quickly searches the user's customized station presets, stopping briefly at each preset until the user presses the button again to stop the scanning mode.
- **Digital Sound Processing**
  Activating the DSP mode recreates acoustic environments (Concert, Theatre, Church, Stadium, Club and Arena) for improved realism. When selected, each mode is illuminated on the display and can be easily accessed by individual buttons on the front panel or the SURROUND button on the remote control.
- **AM Loop Antenna/FM Dipole Antenna**
- **Electronic Treble and Bass Controls**
  Allows for manual adjustment, ±10 dB, of bass, treble and mid-range according to personal preference.
- **±10dB Electronic Volume Control for Left, Right, Center, Left Surround and Right Surround**
- **±10dB Remote Control Electronic Volume Control for Left, Right, Center, Left Surround and Right Surround**
- **2-Level Nightmode**
  To intentionally keep sound levels down, the user can automatically "lower" the dynamic range in order to prevent scenes from getting too loud and yet keep dialogue intelligible.
- **Auto Detect**
  Automatically detects an optical or coaxial digital connection.
- **Preset EQ**
  Preassigned equalization of bass, treble and mid-range for optimum sound performance. Labeled for use with corresponding types of music (Jazz, Pop, Rock, Classic, Vocal and Flat).

## Speakers

- **EZ Use Feature Set**
  Quick Connect Guide, Color-Coded Transparent Wiring, Color-Coded Speaker Terminals, Speaker Hanging Capability.
- **Dual Driver Super Subwoofer**
- **KEVLAR[3] Driver and Dome Tweeters**
  The latest generation of KEVLAR[3] combined with soft dome tweeters ensures crisp sound with minimum distortion.

## Surround Features

- **Dolby Digital[1]**
  Create the incredible theater experience at home. Equipped to play back up to 5.1 channels with full, wide band frequency response, all five main channels are discrete and have 20Hz-20kHz frequency response. The Low Frequency Effects (LFE) Channel requires a powered subwoofer to recreate its 20Hz-120Hz-frequency response.
- **Dolby[1] Pro Logic**
  Providing excellent surround sound using analog signals. Creates separate channels for right, left, center and surround accentuating the sense of being in the middle of the scene.
- **Dolby[1] 3 Stereo**
  Provides effective separated surround sound without the use of rear speakers.
- **DTS[2] Surround Decoding**
  Allows the user to select DTS[2] surround when available. DTS[2] delivers six channels (5.1) of master-quality 20-bit audio, providing uncompromised reproduction of the original multi-track master.
- **Input IQ**
  Using computer intelligence to automatically select the correct type of signal processing (Dolby Digital[1], Pro Logic, 3 Stereo, etc.) for every input (CD, DVD, VCR, TV, etc.) this feature has "learning ability" which allows it to retain user enhancements (i.e. channel volume, delay, etc.) and use them as the new defaults.
- **DBaS (Dynamic Bass amplification System)**
  Directs 2-times more power to the Subwoofer on an as needed basis for booming effects.
- **Left/Right/Center/Surround Modes**
  – Small, Large, None
- **Subwoofer Modes**
  – Yes, No
- **Test Tone**
  The test tone feature is used to verify the placement and adjust the volume levels of all speakers.
- **Variable Surround Sound Delay Time**
  Allows the user to set a delay to the speakers if the room is large or the speakers are located a significant distance apart.

## Plus

- **1-Year Limited Warranty**
  See RCA dealer or visit www.rca.com for complete details.

1 Dolby Digital is a registered trademark of Dolby Laboratories Licensing Corp.
2 DTS is a trademark of Digital Theater Systems, Inc.
3 KEVLAR is a registered trademark of E.I. DuPont de Nemours and Company.

RCA

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